

Title (en)

DRIVING CONTROLLING APPARATUS FOR RECIPROCATING COMPRESSOR

Title (de)

ANTRIEBSREGELUNG FÜR EINEN KOLBENKOMPRESSOR

Title (fr)

APPAREIL COMMANDANT L'ENTRAÎNEMENT DESTINÉ À UN COMPRESSEUR ALTERNATIF

Publication

EP 1373728 B1 20050112 (EN)

Application

EP 01934583 A 20010524

Priority

- KR 0100867 W 20010524
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Abstract (en)

[origin: WO02077453A1] A driving controlling apparatus for reciprocating compressor using resonance, uses resonance increased in the current corresponding characteristic by compensating the inductance value of a coil turned inner part of the motor using a capacitor. A electric circuit further comprises a capacitor for compensating the inductance of the coil which is wound around the motor of the reciprocating compressing unit, accordingly, the burden of the applied voltage against the inductance is reduced, so low applied voltage can generate the stroke needed and the variation of the current hardly effect to the variation of the stroke. Therefore, stable load characteristic is maintained because the stroke variation is low even if the load variation is generated.

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IPC 8 full level

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